

ABSTRACT OF THE DISCLOSURE

A method which comprises using a treatment apparatus comprising (1) a treatment tank, (2) a vibrating stirrer disposed inside the treatment tank, (3) a photocatalyst layer or a layer comprising a photocatalyst and a bactericidal metal, disposed on any surface inside the treatment tank, and (4) a light irradiator; placing water or a water-containing fluid to be treated in the treatment tank; carrying out the steps of (i) transmitting vibration between 10 and 200 Hz to a vibration vane by a vibration generator to causing the vibration vane to vibrate at an amplitude of 0.01 to 15 mm, and (ii) irradiating the photocatalyst or the layer comprising a photocatalyst and a bactericidal metal with light.